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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

Claims 1-40 (Canceled)

Claim 41. (New) A smoke filter comprising a first portion and a second portion, said

first portion being closed against particulate material flow and said second portion providing

a through path for particulate material flow, said first portion and said second portion being

separated by barrier means, said barrier means is formed from a vapour porous polymeric

material having pores therein, which pores have a pore size of less than about 0.1 μm.

Claim 42. (New) A smoke filter according to Claim 1, wherein the barrier means is

porous to the vapour phase of smoke.

Claim 43. (New) A smoke filter according to Claims 1, wherein said barrier means is

formed from a flexible material.

A smoke filter according to Claim 1, wherein said polymeric Claim 44. (New)

material is selected from the group consisting of polypropylene, polyethylene, polyvinylidene

fluoride, polyvinyl chloride, polycarbonate, nylon, TeflonTM (PTFE), cellulose acetate or

nitrocellulose.

A smoke filter according to Claim 1, wherein said first portion of Claim 45. (New)

the tobacco smoke filter comprises an adsorbent material.

Claim 46. (New) A smoke filter according to Claim 5, wherein said adsorbent

material is a general adsorbent.

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Claim 47. (New) A smoke filter according to Claim 6, wherein said general adsorbent is a carbonaceous material.

Claim 48. (New) A smoke filter according to Claim 7, wherein said carbonaceous material is in the form of a thread, particles/granules, cloth, paper or a reconstituted carbon-containing paper.

Claim 49. (New) A smoke filter according to Claim 6, wherein said general adsorbent is a non-carbonaceous material selected from the group consisting of zeolite, silica, meerschaum, aluminium oxide or combinations thereof.

Claim 50. (New) A smoke filter according to Claim 1, wherein said first portion of said smoke filter comprises a catalyst.

Claim 51. (New) A smoke filter according to Claim 10, wherein said catalyst facilitates the conversion of carbon monoxide (CO) to carbon dioxide (CO₂) in the vapour phase of the smoke.

Claim 52. (New) A smoke filter according to Claim 11, wherein said catalyst is selected from the group consisting of transition metal oxides, silica, alumina, zeolites, impregnated carbon.

Claim 53. (New) A smoke filter according to Claim 1, wherein said first portion of said smoke filter comprises a selective adsorbent.

Claim 54. (New) A smoke filter according to Claim 13, wherein said selective adsorbent material is selected from the group consisting of an ion-exchange resin, zeolite or silica.

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Claim 55. (New) A smoke filter according to Claim 1, wherein said first portion comprises an adsorbent and a catalyst.

Claim 56. (New) A smoke filter according to Claim 1, wherein said filter further comprises a third portion, which third portion comprises an adsorbent.

Claim 57. (New) A smoke filter according to Claim 16, wherein said third portion is located upstream of said first portion of the filter.

Claim 58. (New) A smoke filter according to Claim 1, wherein said second portion of said filter comprises a conventional smoke filtration material.

Claim 59. (New) A smoke filter according to Claim 18, wherein said conventional smoke filtration material is one or more of cellulose acetate, paper and polypropylene.

Claim 60. (New) A smoke filter according to Claim 1, wherein said first and said second portions are in co-axial alignment.

Claim 61. (New) A smoke filter according to Claim 20, wherein said first portion forms an inner core and said second portion forms an outer annulus of a core-annulus arrangement.

Claim 62. (New) A smoke filter according to Claim 20, wherein said second portion forms a core and said first portion forms an outer annulus of a core-annulus arrangement.

Claim 63. (New) A smoke filter according to Claim 1, wherein said first portion is formed of a number of discrete, substantially longitudinal segments arranged in co-axial alignment within said second portion of said filter.

Claim 64. (New) A smoke filter according to Claim 23, wherein each segment of said first portion is separated from said second portion by barrier means.

Claim 65. (New) A smoke filter according to Claim 1, wherein said first portion is closed to the through flow of particulate phase material at the upstream end thereof.

Claim 66. (New) A smoke filter according to Claim 25, wherein closure of said first portion is achieved by a plug.

Claim 67. (New) A smoke filter according to Claim 26, wherein said plug is formed from a high pressure drop cellulose acetate, plastic, metal or the barrier material described of claim 4.

Claim 68. (New) A smoke filter according to Claim 1, wherein said filter further comprises additional portions of conventional smoke filtration material.

Claim 69. (New) A smoke filter according to Claim 28, wherein said first, second and third (if present) portions are in co-axial alignment with at least one additional filter portion.

Claim 70. (New) A smoke filter according to Claim 29, wherein said additional portion of said filter is in end-to-end abutment with said first, second and third (if present) portions of the filter.

Claim 71. (New) A smoke filter according to Claim 1, wherein said additional portion(s) is comprised of cellulose acetate.

Claim 72. (New) A smoking article comprising a smoke filter according to Claim 1 in combination with a rod of smoking material wrapped in a wrapper.

Claim 73. (New) A smoking article according to Claim 32, wherein said smoking material comprises a flavourant.

Claim 74. (New) A smoking article according to Claim 33, wherein said flavourant is in stabilised or encapsulated form.

Claim 75. (New) A smoking article according to Claim 33, wherein said flavourant is a non-volatile flavourant.